

106759



TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION

Division of Water Resources
 William R. Snodgrass Tennessee Tower, 312 Rosa L. Parks Avenue, 11th Floor, Nashville, Tennessee 37243
 1-888-891-8332 (TDEC)

Notice of Intent (NOI) for General NPDES Permit for Stormwater Discharges from Construction Activities (TNR100000)

Site or Project Name: North Church LLC Property, Lot 9		NPDES Tracking Number: TNR 240191
Street Address or Location: Medical Center Parkway, Murfreesboro		Construction Start Date: Jan, 2017
Site Description: unimproved property to become medical office & restaurant		Estimated End Date: June, 2017
County(ies): Rutherford		Latitude (dd.dddd): N35.8660
MS4 Jurisdiction (if applicable): Murfreesboro		Longitude (-dd.dddd): W86.4500
		Acres Disturbed: 1.60 Ac ±
		Total Acres: 1.60 Ac ±
Check the appropriate box(s) if there are streams and/or wetlands on or adjacent to the construction site: Streams <input type="checkbox"/> Wetlands <input type="checkbox"/>		
If wetlands are located on-site and may be impacted, attach wetlands delineation report.		
If an Aquatic Resource Alteration Permit (ARAP) has been obtained for this site, what is the permit number?		
Receiving waters: Overall Creek		
Attach the SWPPP with the NOI: SWPPP Attached <input checked="" type="checkbox"/> Attach a site location map: Map Attached <input checked="" type="checkbox"/>		
Site Owner/Developer (Primary Permittee): (Provide person, company, or entity that has operational or design control over construction plans and specifications): 01MRFTN029, LLC		
For corporate entities only, provide correct Tennessee Secretary of State (SOS) Control Number: (an incorrect SOS control number may delay NOI processing) 000868533		
Site Owner or Developer Contact Name: (individual responsible for site) Tim Dearman		Title or Position: (the party who signs the certification below) President
Mailing Address: 2817 West End Ave, Suite 126-252		City: Nashville State: TN Zip: 37203
Phone: (615)- 269-5444 Fax: ()		E-mail: tdearman@oldacremcdonald.com
Optional Contact: David Bailey		Title or Position: Manager
Mailing Address: same as above		City: State: Zip:
Phone: () Fax: ()		E-mail:
Owner/Developer Certification: (must be signed by president, vice-president or equivalent, or ranking elected official) (Primary Permittee)		
I certify under penalty of law that this document and all attachments were prepared by me, or under my direction or supervision. The submitted information is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. As specified in Tennessee Code Annotated Section 39-16-702(a)(4), this declaration is made under penalty of perjury.		
Owner/Developer Name: (print/type) Tim Dearman	Signature:	Date: 11-29-16
Contractor(s) Certification: (must be signed by president, vice-president or equivalent, or ranking elected official) (Secondary Permittee)		
I certify under penalty of law that I have reviewed this document, any attachments, and the SWPPP referenced above. Based on my inquiry of the construction site owner/developer identified above and/or my inquiry of the person directly responsible for assembling this NOI and SWPPP, I believe the information submitted is accurate. I am aware that this NOI, if approved, makes the above-described construction activity subject to NPDES permit number TNR100000, and that certain of my activities on-site are thereby regulated. I am aware that there are significant penalties, including the possibility of fine and imprisonment for knowing violations, and for failure to comply with these permit requirements. As specified in Tennessee Code Annotated Section 39-16-702(a)(4), this declaration is made under penalty of perjury.		
Contractor name, address, and SOS control number (if applicable):	Signature: 19 2017	Date:
Contractor name, address, and SOS control number (if applicable):	Signature: TENNESSEE DEPT OF ENVIRONMENT & CONSERVATION	Date:

OFFICIAL STATE USE ONLY

Received Date: 12-7-16	Reviewer: AVG	Field Office: 04	Permit Tracking Number: TNR 240191.01	Exceptional TN Water:
Fee(s): 100.	T & E Aquatic Flora/Fauna:	SOS Corporate Status:	Waters with Unavailable Parameters:	Notice of Coverage Date: 1-23-17

TDEC
NASHVILLE
FIELD OFFICE
RECEIVED

2017 JAN 19 AM 10: 27

LETTER OF TRANSMITTAL

TDEC
Division of Water Resources
711 R.S. Gass Blvd
Nashville, TN 37243
Attn: Lonna Justus

Project	Murfreesboro, TN	Date:	12/20/2016
Attention:			
Reference:	TNR240191 subsequent coverage Lot 9		
North Church Property			

WE ARE SENDING YOU Attached Under separate cover via _____ the following items

Shop Drawings Prints Plans Samples Specifications

Copy of letter Change Order Applications See Below

COPIES	DATE	NO.	DESCRIPTION
1	12/20/2016	1	Correct check amount for the review fee. \$100

THESE ARE TRANSMITTED as checked below:

- | | | |
|--|---|---|
| <input type="checkbox"/> For Approval | <input type="checkbox"/> Reviewed as submitted | <input type="checkbox"/> Resubmit ___ copies for review |
| <input checked="" type="checkbox"/> For your use | <input type="checkbox"/> Reviewed as noted | <input type="checkbox"/> Submit ___ copies for distribution |
| <input type="checkbox"/> As requested | <input type="checkbox"/> Returned for corrections | <input type="checkbox"/> Return ___ corrected prints |
| <input type="checkbox"/> For review and comment | | |

REMARKS

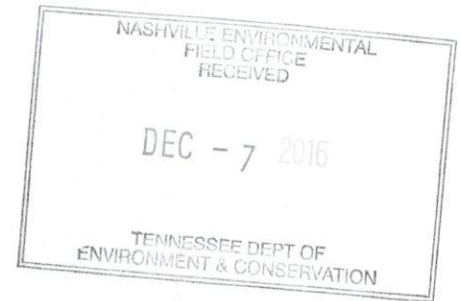
Please find the correct amount for our review fee of \$100. This is a substitute for the \$250 fee previously mailed.

If you have any questions please don't hesitate to ask at dbailey@oldacremcdonald.com or 615-269-5444

By: David Bailey
Date: 12/20/2016

3841 Green Hills Village Drive, Suite 400
Nashville, Tennessee 37215
(615) 269-5444/FAX (615) 383-6866

STORM WATER POLLUTION PREVENTION PLAN



Prepared for

**North Church LLC Property
Lot 9**

Murfreesboro, Rutherford County, Tennessee



Prepared By

**Huddleston-Steele Engineering, Inc.
2115 NW Broad St.
Murfreesboro, Tennessee 37129**

Table of Contents

SWPPP Components
Site Description
Construction Activity
Control Measures and Implementation
Stabilization Practices
Construction Sequence
Area of Disturbance
Slopes and Existing Topography
Soil Types
Runoff Coefficient
Outfall Points and Erosion Measures
Industrial Activities
Receiving Stream and Wetlands
Construction Phases (for site over 50 acres)
Post Construction Measures
Material Stored on site and Associated Erosion Control Measures
Storm Water from Areas outside Construction Limits
Offsite Erodible Materials Storage
Stabilization and Implementation Practices
Storm Water Runoff Controls
Maintenance
Inspections
Signatures and Certifications

Additional SWPPP Requirements

Appendix A Notice of Intent
Location Map

Appendix B Notice of Termination

Appendix C Inspection Report

Appendix D Erosion Control and Stabilization Plan
Erosion Control Details

Site Description

The project site for the development is located on Rutherford County Tax Map 79, Parcel 95.13. More specifically the site is located on Medical Center Parkway, Murfreesboro, Rutherford County, Tennessee. The existing 1.60-acre site currently is vacant. The proposed improvements include a proposed building and associated parking areas.

Construction Activity

In order to accomplish the construction of the facility, the following types of construction will occur:

- Topsoil stripping and stockpiling
- Offsite fill to be placed on the site
- Building construction
- Parking lot and driveway grading
- Rock excavation
- Water, sewer, and storm sewer installation

Control Measures and Implementation

- The construction-phase erosion and sediment controls have been designed to retain sediment on site.
- All control measures must be properly installed, and maintained in accordance with the manufacturer's specifications and good engineering practices. If periodic inspections or other information indicates a control has been inappropriately or incorrectly used, the permittee must replace or modify the control for the specific site situation.
- If sediment escapes the construction site, off-site accumulations of sediment that have not reached a stream must be removed to minimize offsite impacts (example: sediment that has escaped the construction site and has collected in a street must be removed so that it is not subsequently washed into storm sewers and streams by the next rain and/or so that it does not pose a safety hazard to users of public streets.) The contractor shall not initiate remediation/restoration of a stream without consulting the Tennessee Department of Environment and Conservation - Division of Water Pollution Control. This document does not authorize access to private property.
- Sediment should be removed from sediment traps, silt fences, sedimentation ponds, rock check dams, and other sediment controls as necessary, and must be removed when design capacity has been reduced by 50%.
- Litter, construction debris, and construction chemicals exposed to storm water shall be picked up prior to anticipated storm events (e.g. forecasted by local

weather reports), or otherwise prevented from becoming a pollutant source for storm water discharges (e.g., screening outfalls, daily pick-up, etc.). After use, silt fences should be removed or otherwise prevented from becoming a pollutant source for storm water discharges.

- Offsite material storage and/or borrow areas (also including overburden and stockpiles of dirt, etc.) used solely for this project are considered part of the project and are hereby governed by this Plan.
- Pre-construction vegetative ground cover shall not be destroyed, removed, or disturbed more than 15 calendar days prior to grading or earth moving unless the area is seeded and/or mulched or other temporary cover is installed.
- Clearing and grubbing must be held to the minimum necessary for grading and equipment operation.
- Construction must be sequenced to minimize the exposure time of graded or denuded areas. Areas where grading is completed shall be stabilized within the time limits established below.
- Erosion and sediment control measures must be in place and functional before earth moving operations begin, and must be constructed and maintained throughout the construction period. Temporary measures may be removed at the beginning of the day but must be replaced at the end of the workday.
- Records must be kept on site as required on the Construction Storm Water Inspection Report.
- Erosion and sediment control measures are designed for a 2-year, 24-hour rain event.
- As part of the accessibility and retention of records, the permittee shall retain the following items/information in a appropriate location onsite:
 - A rain gage
 - A copy of twice-weekly inspection reports
 - A documentation of quality assurance site assessments, if applicable
 - A copy of the site inspector's Fundamentals of Erosion Prevention and Sediment Control Level 1 certification

Stabilization Practices

Stabilization measures shall be installed as shown on the drawings.

- Stabilization measures shall be initiated as soon as practicable in portions of the site where construction activities have temporarily or permanently ceased, but in no case more than seventy-two hours after the construction activity in that portion of the site has temporarily or permanently ceased, except in the following two situations: 1) where the initiation of stabilization measures by the seventy-second hour is precluded by snow cover or frozen ground conditions, stabilization measures shall be initiated as soon as possible; or 2) where construction activity on a portion of the site is temporarily ceased, and earth disturbing activities will be resumed within 15 days, temporary stabilization measures do not have to be initiated on that portion of the site.

- Temporary or permanent soil stabilization shall be accomplished within 15 days after final grading or other earthwork. Permanent stabilization, as specified on the drawings and specifications shall replace any temporary measures as soon as practicable.

Construction Sequence

- Establish Stabilized Construction Exit;
- Install Silt Fence at grading limits where shown on stormwater pollution prevention plans;
- Clear and mass grade the site;
- Place erosion control devices, including channel protection and any remaining silt fence as shown on stormwater pollution prevention plans;
- Install Utilities, including Storm sewer;
- Install protection devices such as straw bales or rock silt screen protection immediately following installation of inlet and outlet devices.

Complete all remaining site improvements

- Straw Bale protection of inlet devices shall be replaced by gravel bags, or other approved device, when an impervious surface such as asphalt or concrete has been installed.
- Remove erosion protection devices when site has been permanently stabilized.

All construction shall be in accordance with the storm water runoff controls presented in this Plan. The intent of the Storm Water Pollution Prevention Plan is to minimize the disturbance to the site and the surrounding areas.

Area of Disturbance

The total area of the site is 1.60 acre. As part of these improvements, excavation, grading, and other activities will disturb approximately 1.60 acres. The EPSC Plans detail these activities and are included in the construction documents.

Slopes and Existing Topography

The existing site has slopes from 1 to 2%. The existing topography indicates that the site drains to ultimately to Overall Creek.

Soil Types

The soil information is taken from the Natural Resources Conservation Service Web Soil Survey URL: <http://websoilsurvey.nrcs.usda.gov>. The following are soil types present on this site:

CuB Cumberland Silt Loam, 2-5% slopes
Tu Tupelo silt loam

Runoff Coefficient

Currently the site is vacant. The existing runoff coefficient is 0.3 and the developed runoff coefficient is 0.75.

Outfall Points and Erosion Measures

The site typically flows to the north. The overall runoff from the site is ultimately routed to Overall Creek.

Industrial Activities

There are currently no industrial activities taking place at this site. There are no industrial activities planned for this property.

Receiving Stream and Wetlands

All runoff is routed to Overall Creek.

Construction Phase (for sites over 50 acres)

This site is less than 50 acres.

Post Construction Measures

After the construction is complete and all areas are stabilized, all silt fences and other removable erosion control measures shall be removed and properly disposed of.

Materials Stored on site and Associated Erosion Control Measures

The following non-storm water discharges are authorized under the general permit and are anticipated during the construction of the campus:

- Water used for dust control
- Potable water sources including waterline flushing

- Uncontaminated ground water or spring water
- Foundation or footing drains where flows are not contaminated with process materials such as solvents.

All non-storm water discharges, not limited to those identified above shall be discharged through stable discharge structures. These would include the temporary sedimentation basins or the subsurface drainage system shown on the grading plans.

Storm Water from Areas outside Construction Limits

Construction and waste materials that are expected to be stored on site include those typically found at a building construction site. These may include:

- Lumber for forming and construction
- Stockpiled piping and catch basins
- Stockpiled rock and gravel
- Structural steel and reinforcing bars
- Building materials, such as studs, roof trusses, wiring, conduits, mortar, rock for veneer, shingles, sand, etc.
- Construction equipment and vehicles

All materials shall be stored in such a manner that the materials containing potential pollutants (e.g. machine oils) cannot come in contact with rainwater. No solid materials shall be discharged to the tributary, except as authorized by a section 404 permit and/or an Aquatic Resource Alteration Permit.

Off-site vehicle tracking of sediments and the generation of dust shall be minimized.

There are no known legally protected state or federally listed threatened or endangered aquatic fauna and/or critical habitat within the site.

Offsite Erodible Materials Storage

There are no offsite materials storage areas.

Stabilization and Implementation Practices

The attached drawings depict several structural practices to divert flows from exposed soils, store flows or otherwise limit runoff and the discharge of pollutants from exposed areas of the site to the degree attainable. These practices include, but are not limited to the following:

- Silt fences
- Drainage swales and/or diversion swales

- Sediment traps
- Check dams
- Subsurface culverts
- Storm drainage inlet protection
- Rip rap outlet protection
- Temporary sedimentation basin

Muddy water to be pumped from excavation and work areas must be held in settling basins or filtered prior to its discharge into surface waters. Water must be discharged through a pipe, well-grassed or lined channel or other equivalent means so that the discharge does not cause erosion and the transportation of sediment.

Storm Water Runoff Controls

This portion of the Plan addresses measures that are installed during the construction process to control pollutants in storm water discharges that will occur after construction operations have completed. The general permit only addresses the installation of storm water management measures, and not the ultimate operation and maintenance of such measures after the construction activities have been completed and the site has undergone final stabilization.

The planned storm water management measures for this project include the final stabilization of graded areas. All graded areas shall receive erosion control fabric for those slopes specified on the drawings and all disturbed areas are to receive seeding and straw mulch in accordance with the landscaping drawings and specifications.

Maintenance

The site operator, listed as the Construction Manager in this report, is responsible that all vegetation, erosion, and sediment control measures as well as other protective measures shown on the drawings are kept in good and effective operating condition. The maintenance needs identified by inspections or other means shall be accomplished before the next storm event if possible, but in no case more than seventy-two hours after the need is identified. If maintenance prior to the next anticipated storm event is impracticable, maintenance must be scheduled and accomplished as soon as practicable.

Inspections

Inspector Training and Certification

The inspector shall qualify as having met the criteria as required by the State of Tennessee.

Schedule of Inspections

Inspections shall be done before anticipated storm events (or series of storm events such as intermittent showers over one or more days), and within 24 hours after the end of a storm event of 0.5 inches or greater, and at least once every seventy-two hours. When the site has been finally or temporarily stabilized, or runoff is unlikely due to winter conditions (e.g. site covered with snow, ice, or frozen ground), such inspection only has to be conducted once per month. Inspections and associated, necessary repairs done 60 hours before a rain event constitute compliance with "before anticipated storm events," and inspections and repairs on a Friday meet the requirement for rain events over the weekend.

The inspector shall check disturbed areas of the construction site that have not been fully stabilized, areas used for storage of materials that are exposed to precipitation, structural control measures, and locations where vehicles enter or exit the site.

Disturbed areas and areas used for storage of materials that are exposed to precipitation shall be inspected for evidence of, or the potential for, pollutants entering the drainage system. Erosion and sediment control measures identified in this Plan shall be observed to ensure that they are operating properly.

Outfalls shall be inspected to ascertain whether erosion control measures are effective in preventing significant impacts to the receiving waters. Where discharge points are inaccessible, nearby downstream locations shall be inspected if possible. Locations where vehicles enter or exit the site shall be inspected for evidence of offsite sediment tracking.

Based on the results of the inspection, any inadequate control measures or control measures in disrepair shall be replaced or modified, or repaired as necessary, before the next rain if possible, but in no case more than seventy-two hours after the need is identified. If maintenance prior to the next rain is impracticable, maintenance must be scheduled and accomplished as soon as practicable.

Inspections shall be documented and include the following:

- The scope of the inspection;
- Name(s) and title or qualification of personnel making the inspection;
- The date(s) of the inspection;
- Major observations relating to the implementation of the storm water pollution prevention plan (including the location(s) of discharges of sediment or other pollutants from the site and of any control device that

failed to operate as designed or proved inadequate for a particular location); and

- Actions taken in accordance with this Plan.

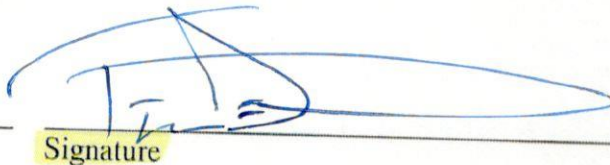
Signatures and Certifications

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Owner

President

Title



Signature

11/29/16
Date

Construction Manager:

Title

Signature

Date

ADDITIONAL SUB-CONTRACTORS

Company: _____

Title

Signature

Date

Company: _____

Title

Signature

Date

Company: _____

Title

Signature

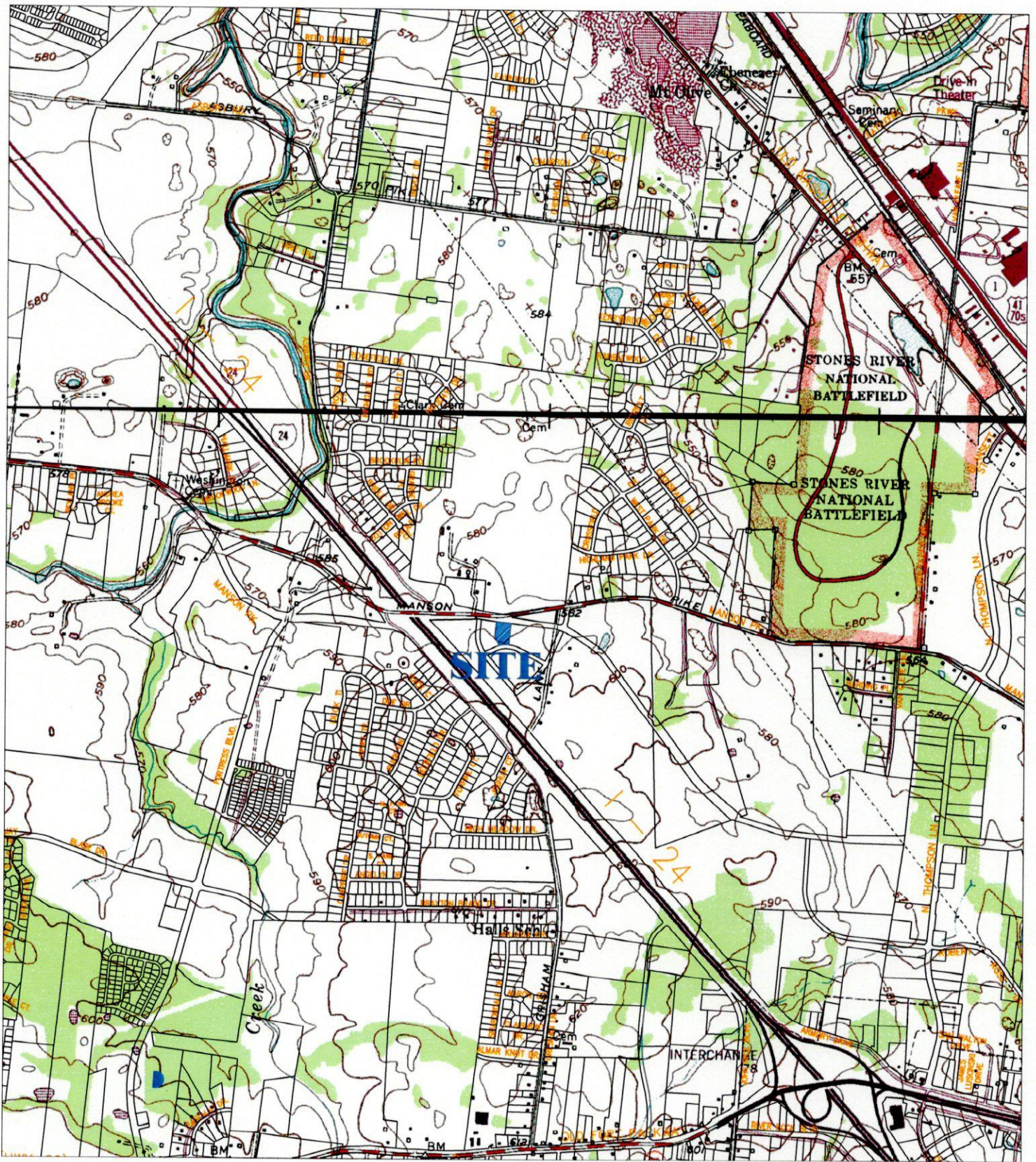
Date

Company: _____

Title

Signature

Date



NORTH CHURCH LLC PROPERTY, LOT 9

13TH CIVIL DISTRICT - RUTHERFORD COUNTY - TENNESSEE

DATE: 12/05/16

SCALE: 1"=200'

